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L2: Entry 1 of 2

File: DWPI

Dec 11, 1997

DERWENT-ACC-NO: 1998-042201  
DERWENT-WEEK: 200248  
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TITLE: Virus-like particles comprising DNA in papilloma virus capsid - useful for gene therapy, immuno-therapy or vaccination

INVENTOR: BLOCH, M; BLOCH, M A

PRIORITY-DATA: 1996FR-0007174 (June 4, 1996)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9746693 A1	December 11, 1997	F	024	C12N015/86
US 6420160 B1	July 16, 2002		000	A01N063/00
FR 2749323 A1	December 5, 1997		017	C12N015/86
AU 9730980 A	January 5, 1998		000	C12N015/86
EP 910656 A1	April 28, 1999	F	000	C12N015/86
JP 2000511773 W	September 12, 2000		022	C12N015/09
AU 725518 B	October 12, 2000		000	C12N015/86

INT-CL (IPC): A01 N 63/00; A61 K 39/00; A61 K 39/12; A61 K 48/00; A61 P 31/04; A61 P 31/12; A61 P 33/00; C07 K 14/025; C12 N 7/00; C12 N 7/02; C12 N 15/09; C12 N 15/37; C12 N 15/63; C12 N 15/64; C12 N 15/86; C12 N 15/09; C12 R 1:92

ABSTRACTED-PUB-NO: US 6420160B

## BASIC-ABSTRACT:

Non-infectious virus-like particle (VLP) comprises:

(i) a capsid that defines an internal space and comprises at least part of the L1 protein of a papilloma virus, and

(ii) a nucleic acid molecule that is contained in the internal space and differs from the genome of a papilloma virus at least in as much as it lacks at least a portion of the genomic regions encoding wild-type late proteins.

USE - The VLP is used as a vehicle for the delivery of genetic material for therapeutic purposes, e.g. gene therapy, immunotherapy or vaccination against infections and cancers.

ADVANTAGE - The genetic material can be encapsulated efficiently.

ABSTRACTED-PUB-NO:

WO 9746693A

## EQUIVALENT-ABSTRACTS:

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ADVANTAGE - The genetic material can be encapsulated efficiently. WO 9746693A

CHOSEN-DRAWING: Dwg.0/0

## WEST Search History

DATE: Thursday, April 03, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
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L6	Gissmann Lutz.in.	11	L6
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L5	Gissmann l.in.	0	L5
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*DB=PGPB; PLUR=YES; OP=ADJ*

L4	Hallek.in.	7	L4
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L3	L2	0	L3
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*DB=USPT; PLUR=YES; OP=ADJ*

L2	Hallek.in.	8	L2
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L1	Hallek m.in.	0	L1
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END OF SEARCH HISTORY